

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: September 21, 2005

Inspector: Diana Walden and Lee Curtis

Location: Transition Stations (Hoyts Hill, Archers Lane)

Storm/

Rain Event: The area received a rain event with localized downpours between 0.72" and up to 1.02" over 9/16-9/17 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: No new access roads have been constructed. Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Some minor tracking was not noted at this inspection. 9/21/05</p> <p>- Archers Lane: Blasting had since occurred along the access road. One blast had resulted in more material movement than anticipated and it had piled at the property line/stone wall. Boulders continue to be stockpiled up along this side on the project property and will be removed along with the material. 9/15-9/21/05</p> <p>- Crushed stone/stone dust was placed along a portion of the access road to be used by the overhead line crews. 9/21/05</p>	<p>- Monitor sediment tracking issues and determine if a pad may be necessary. 9/15-9/21/05</p> <p>- Contractors were aware of the problem and the fact the material had crushed the silt fence here. Permission is still being obtained to move materials from back over the property line. 9/15-9/21/05</p> <p>- Use of this portion of the access road is shared by the overhead and transition station segments of the project. 9/21/05</p>
Foundation construction	<p>- At Hoyts Hill, there continues to be observable progress on the foundation construction and the retaining wall structures with work on</p>	<p>- None at this time. The design change appears to work well and will avoid some potential impacts. Actual work on this piece is not completed yet.</p>

Areas of Inspection	Observation	Recommended Action
	<p>additional infrastructure. A drainage pipe along the bottom of the wall will outlet on the opposite side of the station than it was originally designed to avoid daylighting near the stream here. 9/7-9/21/05</p> <p>- No foundation work has begun at Archers Lane although blasting continues in the station site and the access road to bring the site to grade. Large boulders created by the blasting are being stockpiled. 9/15-9/21/05</p>	<p>9/7-9/21/05</p> <p>- None at this time. 9/15-9/21/05</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>-Hoyts Hill: The perimeter and internal silt fence remains in good condition. The spot noted last week during the inspection has since been repaired as recommended. 9/21/05</p> <p>- Archers Lane: A portion of silt fence along the access road has been pushed down due to the wayward material. Once permission is obtained, materials will be pulled back and the fence restored. 9/15-9/21/05</p> <p>-Two sections of perimeter silt fence installed for the station site will be replaced with haybales to be under the responsibility of the overhead line crews. These spots are needed for access to the ROW 9/21/05</p>	<p>-Continue to monitor the controls and be proactive in repair as necessary and continue to use the fence as the limit of work line. 9/21/05</p> <p>- Make necessary repairs as planned. Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 9/21/05</p> <p>- Silt fence is still in place at this time but haybales should be placed here to be staked back in at the end of each work day. 9/21/05</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<p>- Hoyts Hill: As part of the transition station, a small area of wetland was cleared and altered. The double silt fence row is up as a work limit and to protect the remainder of the wetland. 7/22-9/21/05</p>	<p>-Continue to monitor. In general, keep all equipment and materials out of wetlands not to be disturbed and keep controls in good repair. 9/21/05</p>

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	<p>- Vegetation continues to return well here. 9/15-9/21/05</p> <p>Archers Lane: The low spot/ wetland crossing on the access road has been placed with large stone and geotextile fabric as is presented in the D&M plan for the overhead line work. The timber pads were removed and the road is now under the jurisdiction of the overhead work. 9/21/05</p>	<p>- Continue to maintain silt fence adjacent to the wetland here. 9/21/05</p>
State species of concern, threatened and endangered species	<p>- No species of concern are located in these areas of construction.</p>	<p>- N/A</p>
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: Construction of retaining walls and foundations are currently ongoing in the previously cleared station area. 9/7-9/21/05</p> <p>- Archers Lane: Blasting continues in the previously cleared areas and most material remains contained with the exception of the material over the stone wall. 9/15-9/21/05.</p>	<p>-None at this time. In general limit clearing to those areas necessary. 9/21/05</p> <p>-None at this time. In general, keep clearing within the limits of the work. 9/21/05</p>
Dewatering	<p>- At Hoyts Hill, the dewatering corral is completed with a filter bag surrounded by haybales within the silt fence. 8/19-9/21/05 It was not receiving water at the time of the inspection. 9/21/05</p> <p>- No dewatering has been necessary yet at Archers Lane. 9/21/05</p>	<p>-Keep watch on the filter bag when in active use. 9/21/05</p> <p>- None at this time. 9/21/05</p>
Blasting	<p>- Blasting continues at Archers Lane within the station site and the access road. As previously stated, a blast did cause some wayward material to end up on /over the property line. Drilling was still occurring in preparation for</p>	<p>- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately when permission is granted. 9/15-9/21/05</p>

Areas of Inspection	Observation	Recommended Action
	more blasts. 9/15-9/21/05	
Spills and Material Storage	- No further drips or leaks were noted at the time of the inspection. 9/21/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site
Spills and Material Storage		- Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.
Additional Observations	- Work is scheduled to begin at Norwalk Junction the last week in September.	

Next likely scheduled inspection:

Thursday September 29, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



Hoyts Hill Transition Station: View of the ongoing construction of the retaining walls and infrastructure of the station. (9/21/05)



The silt fence along the southern side of the site has been repaired as recommended and all erosion controls remain in good shape. (9/21/05)



Archers Lane Transition Station: Both photos show views of the some of the materials that ended up at the property line following some blasting. Materials will be removed when permission is obtained. (9/21/05)



Overall view of the station site following some blasting and earthwork. (9/21/05)



View of the access road for the overhead ROW which had previously been used for the station site. Stone dust was installed along the road to create improved access. (9/21/05)



Photo on the left shows a view into the transition station from the access into the ROW. Photo on the right shows another access point to the ROW. Both spots will be placed with haybales to be moved for access to the ROW and will be the responsibility of that portion of the project. 9/21/05